

Opsie

#107

1 file

Jarrell, Leslie

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**From:** Jarrell, Leslie  
**Sent:** Monday, March 19, 2018 9:55 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie; [REDACTED]  
**Subject:** RE: Dead animal report and necropsy results

Hi [REDACTED]

Very sad news. Oopsie was found dead on Sat morning. He had not eaten his cabbage or carrots, not sure, but am thinking may have happened overnight. We had last checked his feet on March 1<sup>st</sup> and he had been doing well with well-furred feet.

Necropsy;

Unfortunately the carcass was in poor condition. Abdomen; feed in stomach, no obstruction at pylorus, gas filled gut loops, normal feces in colon, bladder within normal limits. Kidneys were encased in fat, and in poor condition to submit for histo. No stones or other abnormalities seen. Large amount of fat in abdomen. Liver and spleen friable and autolyzed, did not save for histo. Thorax; abundant fat and at pericardium. Mottled pink soft tissue at fat near heart base. Lungs autolyzed. Extremities within normal limits, mild alopecia at hind feet only.

Suspect possible thymoma? Or open. Heart and associated fat/ soft tissue in formalin. Will send out this week or next.

Also, will need to look at increasing grass hay and potentially decreasing pellets for the rabbits.

Thanks,  
Leslie

**From:** [REDACTED]  
**Sent:** Monday, March 19, 2018 7:37 AM  
**To:** [REDACTED]  
**Cc:** Jarrell, Leslie <Jarrell.Leslie@epa.gov>  
**Subject:** Dead animal report

Date Found:03/17/18

Time Found: 9:00am

Found by: [REDACTED]

Room: A486B

Investigator: [REDACTED]

LAPR#: 19-03-002

Species/Strain: Rabbit/NZW

Sex: Male

DOB: 09/02/15

Date Received

Animal ID/ Cage: Oopsie ( # 107)

The carcass has been placed in the refrigerator located in Suite A490. If you need the carcass, please retrieve from this location. Otherwise, the carcass will be moved to the animal freezer for disposal after **2 business days** of notification.



## Jarrell, Leslie

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**From:** Jarrell, Leslie  
**Sent:** Thursday, February 01, 2018 4:02 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED]; Graff, Jaimie; [REDACTED]  
**Subject:** RE: Rabbits- Updates from Feb 1

Hi [REDACTED]

### Rechecks:

- **Oopsie**
  - Right hind foot – Fur was very good this week, actually fluffy
  - Still mild alopecia at the point of the heel
  - Recheck 2- 4 weeks

### Diet updates:

- Rabbits are continuing on timothy hay or bermudagrass hay daily
- Rabbit pellets continuing the same as usual
- Other rabbits may get a little alfalfa hay as a treat, in addition to other hay, once in a while

### Exercise pen update:

- [REDACTED] is planning to change the pen a little, we will see how the panels work
- Digging box- still looking for one. Think I have an idea on how to make one.
- I put together a small cardboard burn box on its side, and Daisy went right in!

Thanks,  
Leslie



## Jarrell, Leslie

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**From:** Jarrell, Leslie  
**Sent:** Tuesday, January 16, 2018 10:50 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie; [REDACTED]  
**Subject:** RE: Rabbits- Updates from Jan 11

Hi [REDACTED]

### Rechecks:

- **Oopsie**
  - Right hind foot – Fur was very good this week, actually fluffy
  - Still mild alopecia at the point of the heel
  - Recheck 2- 4 weeks
  - It would be good to have him stay longer times, or more often, in the exercise pen

### Diet updates:

- Rabbits are continuing on timothy hay or bermudagrass hay daily
- Rabbit pellets continuing the same as usual
- **Thumper only** is on alfalfa hay, in addition to timothy hay
  - Has gained a little weight! Seems to be due to the alfalfa, as nothing else has changed
  - Will try Cosequin on a piece of lettuce first instead
    - He already likes lettuce
    - [REDACTED] thinks Thumper will eat the entire leaf
    - We will mix the Cosequin powder with water, into a paste, and put it on the lettuce.
- Other rabbits may get a little alfalfa hay as a treat, in addition to other hay, once in a while

### Exercise pen update:

- [REDACTED] is planning to split the pen in 2 sections with an additional fence section that is downstairs, so the rabbits could be in the pen at the same time without issues
- Digging box- still pending
  - Find some "clean" cardboard to make a "digging box"
  - Fill with envirodri for digging
- [REDACTED] got some small, new, cardboard burn boxes to put together as climbing and hiding objects for the pen!

Thanks,  
Leslie

## Jarrell, Leslie

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From: Jarrell, Leslie  
Sent: Tuesday, January 09, 2018 4:37 PM  
To: [REDACTED]  
Cc: [REDACTED] Graff, Jaimie; [REDACTED]  
Subject: RE: Rabbits- Updates from Dec 28

Hi [REDACTED]  
Rechecks:

- **Oopsie**
  - Right hind foot – Fur was very good this week, actually fluffy.
  - Oopsie still has mild alopecia at the point of the heel
  - Recheck 2- 4 weeks
  - It would be good to have him stay longer times, or more often, in the exercise pen.
- Daisy
  - Right hind foot- small alopecia area at point of right hock
  - Well furred and clean feet

### Diet updates:

- Rabbits are continuing on timothy hay or bermudagrass hay daily
- Rabbit pellets continuing the same as usual
- Thumper only is on alfalfa hay, in addition to timothy hay, on a set schedule
  - To increase calories and fat intake
  - I am still planning for this. I'm going to get some small paper plates to feed him critical care rabbit feed. It is like a slurry of hay with licorice flavor. If he likes it, I'll start the Cosequin in it. If not, I'll try carrot baby food.
- Other rabbits may get a little alfalfa hay as a treat, in addition to other hay, once in a while

### Exercise pen update:

- [REDACTED] is planning to split the pen in 2 sections with an additional fence section that is downstairs, so the rabbits could be in the pen at the same time without issues
- Digging box- still pending
  - Find some "clean" cardboard to make a "digging box"
  - Fill with envirodri for digging
- [REDACTED] got some small, new, cardboard burn boxes to put together as climbing and hiding objects for the pen!

Thanks,  
Leslie

## Jarrell, Leslie

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From: Jarrell, Leslie  
Sent: Thursday, December 14, 2017 12:21 PM  
To: [REDACTED]  
Cc: [REDACTED]; Graff, Jaimie; [REDACTED]  
Subject: RE: Rabbits- Updates from Dec 14

Hi [REDACTED]

### Rechecks;

- **Oopsie**
  - Right hind foot – Fur was even cleaner this week, than at last check! Fur was fluffy and white to tan.
  - [REDACTED] was able to get 1 very small small mat off the right hind foot
    - Oopsie still has mild alopecia at the point of the heel
  - Recheck 2- 4 weeks
  - It would be good to have him stay longer times, or more often, in the exercise pen.
- **Daisy**
  - Right hind foot- small alopecia area at point of right hock
  - Well furred and clean feet

### Diet updates;

- Rabbits are continuing on timothy hay or bermudagrass hay daily
- Rabbit pellets continuing the same as usual
- Thumper only is starting on alfalfa hay, in addition to timothy hay, on a set schedule
  - To increase calories and fat intake
  - I will make up some critical care rabbit feed to see if he will eat it. It is like a slurry of hay with licorice flavor, intended for rabbits that need to be syringe fed. If he likes it, I'll start the Cosequin in it. If not, I'll try carrot baby food.
- Other rabbits may get a little alfalfa hay as a treat, in addition to other hay, once in a while

### Exercise pen update;

- [REDACTED] is planning to split the pen in 2 sections with an additional fence section that is downstairs, so the rabbits could be in the pen at the same time without issues
- Digging box- still pending
  - Find some "clean" cardboard to make a "digging box"
  - Fill with envirodri for digging
- [REDACTED] got some small, new, cardboard burn boxes to put together as climbing and hiding objects for the pen!

Thanks,  
Leslie

## Jarrell, Leslie

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**From:** Jarrell, Leslie  
**Sent:** Thursday, December 07, 2017 4:32 PM  
**To:** [REDACTED]  
**Subject:** RE: Rabbits  
**Attachments:** Rabbit hay schedule.docx

Oopsyie  
Tex

Thanks! I'll pop by tomorrow.

And I made a new easier schedule! Well I think it is a little easier?

It basically slowly increases alfalfa hay during M-F only. No weekends or holidays. Then mid-January, start adding a little alfalfa over weekends depending on how it goes.

And all rabbits should get 3 big handfuls of timothy every day.

Thanks,  
Leslie

-----Original Message-----

**From:** [REDACTED]  
**Sent:** Thursday, December 07, 2017 12:45 PM  
**To:** [REDACTED]; Jarrell, Leslie <Jarrell.Leslie@epa.gov>  
**Subject:** RE: Rabbits

(Leslie) I ran off several copies from your feeding proposal and gave them to him. I don't think he wants another schedule he just has a couple of questions regarding what he already has. I told him to get with you the next time he sees you to clarify.

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**From:** [REDACTED]  
**Sent:** Thursday, December 7, 2017 12:39 PM  
**To:** Jarrell, Leslie  
**Cc:** [REDACTED]  
**Subject:** Rabbits

Hi Leslie,

[REDACTED] would like to know if you could please create a feeding schedule for the rabbits. He's aware of the new regimen, but want to make sure he is following the right plan.

Thanks.



## Rabbit Hay Schedule 12/07/17

### Thumper

- 3 handfuls timothy or Bermuda grass daily
- Add in Alfalfa hay;
  - Monday 12/11/17- Fri 12/15/17. Half handful of alfalfa hay per day
  - Monday 12/18/17- Fri 12/22/17. 1 handful of alfalfa hay per day
  - Tues 12/26/17- Fri 12/29/17. 1 handful of alfalfa hay per day
  - Tues 01/02/18- Fri 01/05/18. 2 handful of alfalfa hay per day
  - Mon 01/08/18- Fri 01/12/18. 2 handfuls of alfalfa hay per day
  - Sat 1/13/18; Start 1 handful alfalfa hay per day on weekends
  
  - Continue weekdays- 2 handful alfalfa hay
  - Weekends- only 1 handful alfalfa hay

### For all other rabbits-

3 handfuls regular hay daily

## Jarrell, Leslie

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**From:** Jarrell, Leslie  
**Sent:** Monday, December 04, 2017 10:33 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie; [REDACTED]  
**Subject:** RE: Rabbits- Updates from Nov 27

Hi [REDACTED]  
Rechecks;

- Oopsie
  - Right hind foot – Fur was much cleaner this week, still has alopecia at the point of the heel
  - Recheck 2- 4 weeks
  - It would be good to have him stay longer times, or more often, in the exercise pen.

Exercise pen update;

- [REDACTED] had a good idea to split the pen in 2 sections so the rabbits could be in the pen at the same time without issues
- Digging box- still pending
  - Find some “clean” cardboard to make a “digging box”
  - Fill with envirodri for digging
- [REDACTED] got some small, new, cardboard burn boxes to put together as climbing and hiding objects for the pen

Thanks,  
Leslie

## Jarrell, Leslie

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**From:** Jarrell, Leslie  
**Sent:** Monday, November 13, 2017 5:17 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie; [REDACTED]

**Subject:** Rabbits- Updates from Nov 13

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi [REDACTED]

Rechecks;

- Oopsie
  - Right hind foot – Still has dirty fur on same spot, no ulceration at that spot, and a ~5 mm diameter scab area at the point of the heel
    - [REDACTED] was able to get some of the fur brushed out
  - Recheck ~1.5- 2 weeks
  - It may be good to have him stay longer in the exercise pen.
- Daisy
  - Both hind feet were well-furred
  - Scabs and scratches on both sides of her neck behind her ears
    - Have healed
      - Considering keeping them separated due to the aggression
  - Recheck feet ~1 month

Exercise pen update:

- All rabbits will now be in the exercise pen alone
- Digging box- pending
  - Find some “clean” cardboard to make a “digging box”
  - Fill with envirodri for digging
- Looking for a bunch of large, clean (haven’t gone through mail) cardboard boxes for hiding/ chewing inside pen

Thanks,  
Leslie

Jarrell, Leslie

Oopsie

From: Jarrell, Leslie  
Sent: Friday, October 27, 2017 1:43 PM  
To: [REDACTED]  
Cc: [REDACTED] Graff, Jaimie; [REDACTED]  
Subject: Rabbits- Updates from Oct 26-27

Hi [REDACTED]  
Rechecks:

- Oopsie
  - Much improved
  - Right hind foot - Mainly seems to be dirty fur now, no obvious mat
    - [REDACTED] was able to get some of the fur brushed out
  - No scabs on either hind feet! Only alopecia. This is a significant improvement.
  - Recheck 2 weeks
- Daisy
  - Did not recheck feet
  - Scabs and scratches on both sides of her neck behind her ears
    - Healing up very well
    - Separated into their own sides of the double wide cage
      - Will watch and hope that we can re-house them together again after Daisy heals up
  - Recheck 2 weeks
- Leo and Tex
  - Minor scuffle in exercise pen, no obvious injuries
  - Will now go in the pen alone

Exercise pen update:

[REDACTED] reported that the rabbits are doing well in the pen.

- All rabbits will now be in the exercise pen alone, and not co-housed
- Digging box- pending
  - Find some "clean" cardboard to make a "digging box"
  - Fill with envirodri for digging
- Looking for a bunch of large, clean (haven't gone through mail) cardboard boxes for hiding/ chewing inside pen

Thanks,  
Leslie



Jarrell, Leslie

Oopsie

From: Jarrell, Leslie  
Sent: Thursday, October 19, 2017 3:08 PM  
To: [REDACTED]  
Cc: [REDACTED] Graff, Jaimie; [REDACTED]  
Subject: RE: Rabbit feet - Updates from Oct 19

Hi [REDACTED]

Rechecks:

- Oopsie
  - Much improved
  - Right hind foot mat- [REDACTED] was able to get most of it out!
  - Left hind foot - only has one point of hock area with small scab/ alopecia
  - Recheck next week
- Daisy
  - Hind feet were well-furred, but dirty, no mats, small areas of alopecia at the point of hock
  - Scabs and scratches on both sides of her neck behind her ears
    - Looked like bites, thinking Trixie has bitten her
    - Separated into their own sides of the double wide cage
      - Will watch and hope that we can re-house them together again after Daisy heals up
  - Recheck next week

Exercise pen update:

[REDACTED] reported that the rabbits are doing well.

- He noted that they sleep once they get back to their home cage!
- Am thinking of using a litter pan tray (the ones currently under the rabbits) as a litter box, with some rabbit pelleted food and hay in it
- Digging box- pending
  - Find some "clean" cardboard to make a "digging box"
  - Fill with envirodri for digging
- We are looking at putting some of the brown cardboard paper liners in the hay box
- Litter box- pending
- Looking for a bunch of large, clean (haven't gone through mail) cardboard boxes for hiding/ chewing inside pen

Thanks,  
Leslie

From: Jarrell, Leslie  
Sent: Thursday, October 12, 2017 11:06 AM  
To: [REDACTED]  
Cc: [REDACTED] Graff, Jaimie  
<Graff.Jaimie@epa.gov>; [REDACTED]  
Subject: RE: Rabbit feet - Updates from Oct 12

Hi [REDACTED]

We rechecked Oopsie today. Daisy will be next week, as she just had a bath.

Oopsie: Did great with recheck. He is very personable. His right hind foot mat was much improved from last week. [REDACTED] and I were able to brush out the mat further. [REDACTED] was able to remove a large piece of the mat without trimming any good clean fur. We will keep working at it. We will continue topical silvadene as possible during the week. Oopsie's time in the exercise pen will be increased slightly as well.

Rechecks:

We will recheck Daisy and Oopsie again next week. If Oopsie continues to improve, I will not plan to anesthetize him. I'd like to avoid that if possible.

Exercise pen update:

[REDACTED] reported that the rabbits are doing well in the pen.

- He noted that they are more active back in their cages for some time even after their exercise day.
- I sat with Trixie and Daisy during part of their time in the pen. Trixie did a few leaps in the air while going around the pen- that was good to see.
- The rabbits are digging in the corners.
  - [REDACTED] is going to look at getting a few disposable cardboard cat litter boxes, in case the rabbits may want to use them as a litter box
  - Also may try to find some "clean" cardboard to make a "digging box" as additional enrichment
  - Doesn't look very difficult and some envirodri would work great to fill it



- <http://bunnyproof.com/how-to/how-to-make-a-digging-box-for-your-rabbit>

- The hay box did not look too slippery to me, but Oopsie did not like it!
  - We are looking at putting some of the brown cardboard paper liners in the hay box and see if that is more to his liking.

Thanks,  
Leslie

From: Jarrell, Leslie

Sent: Friday, October 06, 2017 2:42 PM

To: [REDACTED]

Cc: [REDACTED] Graff, Jaimie

<Graff.Jaimie@epa.gov>; [REDACTED]

[REDACTED]  
**Subject:** RE: Rabbit feet - Updates from Oct 5

Hi [REDACTED]

We rechecked 2 of the rabbits. Wanted to give them a little time in the exercise pen before we rechecked. We will check Daisy next week.

Oopsie; Did great with recheck. His right hind foot mat and the scab looks a little more extensive than last time. We were able to brush out the mat a little. He continued to clean it once back in his cage. We will keep working at it. We started topical silvadene, just during the week.

Thumper; He is a good rabbit. He has mild, linear alopecia on both hind feet, and the remaining scabs at the point of the hock are pinpoint, so much improved.

We will recheck Daisy next week. We will recheck Oopsie next Wed or Thurs. Depending on how his foot looks, I may want to anesthetize him and really clean the mat out possibly. Will let you know how he looks next week, and plan out if we need to anesthetize him.

Thanks,  
Leslie

**From:** Jarrell, Leslie

**Sent:** Thursday, September 07, 2017 2:25 PM

**To:** [REDACTED]

**Cc:** [REDACTED] Graff, Jaimie

<Graff.Jaimie@epa.gov> [REDACTED]  
[REDACTED]

**Subject:** Rabbit feet - updates from Sept 7

Hi [REDACTED]

[REDACTED] and I rechecked the rabbits today. I brushed out Oopsie's foot a little. He was not thrilled about it, but did OK. He still has a mat on his right hind foot, it is about the same. The small scab on the point of the hock appears unchanged.

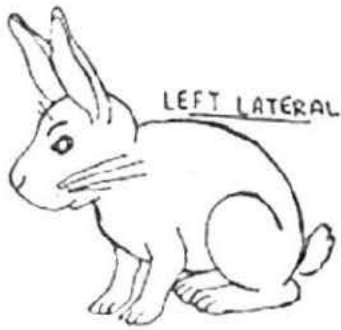
Daisy has a mat again, this time on her left hind foot on the ventral surface. Also, she has a small scab on the point of the hock. She has some alopecia on her right hind foot. She did pretty well with the exam but I did not attempt to brush her.

And Thumper. He is a good rabbit. He has linear alopecia on both hind feet, and also some scabs as well.

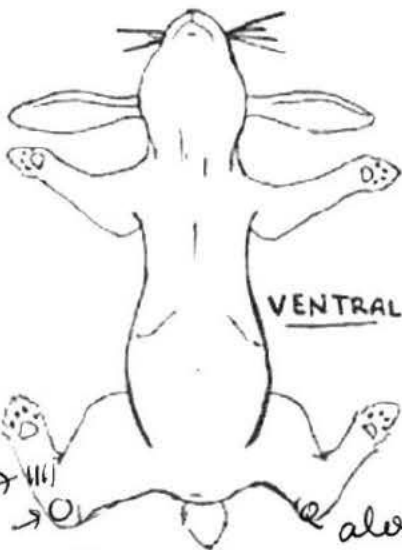
We will recheck everyone in about 2 weeks. Hopefully will get the floor pen up soon as well.

Thanks,  
Leslie

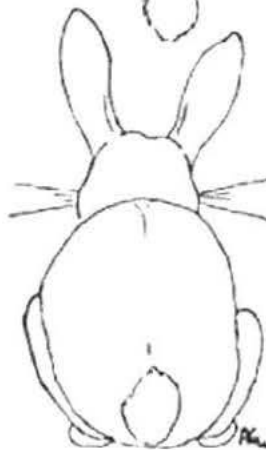
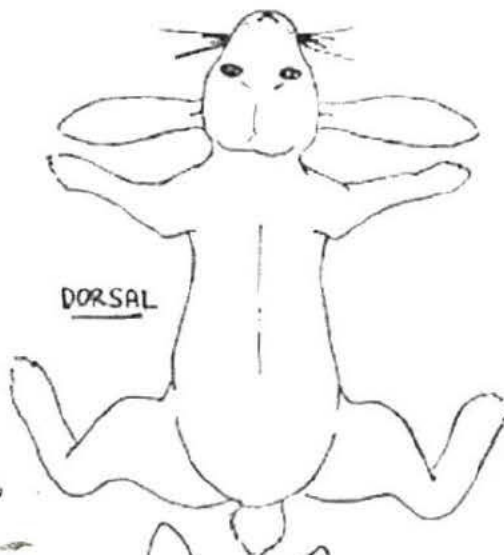
Oopsyie  
10/19/17



(P)



(L)



Model Animal 2 Inc. PO. Box 420, Upland Street, Harris, HI 96734 936-262-5621

10/19/17 much improved. [redacted] was able to comb out much of the RH mat. Rev ~ 1-2 wks

10/26/17. BATH. Much mat is gone. RH.

Not happy w/ exam / brushing though. Monitor Rev 2 weeks LG.



Jarrell, Leslie

Oopsie

From: Jarrell, Leslie  
Sent: Thursday, October 12, 2017 11:04 AM  
To: [REDACTED]  
Cc: [REDACTED] Graff, Jaimie; [REDACTED]  
Subject: RE: Rabbit feet - Updates from Oct 12

Hi [REDACTED]  
We rechecked Oopsie today. Daisy will be next week, as she just had a bath.

Oopsie: Did great with recheck. He is very personable. His right hind foot mat was much improved from last week. [REDACTED] and I were able to brush out the mat further. [REDACTED] was able to remove a large piece of the mat without trimming any good clean fur. We will keep working at it. We will continue topical silvadene as possible during the week. Oopsie's time in the exercise pen will be increased slightly as well.

Rechecks:

We will recheck Daisy and Oopsie again next week. If Oopsie continues to improve, I will not plan to anesthetize him. I'd like to avoid that if possible.

Exercise pen update:

[REDACTED] reported that the rabbits are doing well in the pen.

- He noted that they are more active back in their cages for some time even after their exercise day.
- I sat with Trixie and Daisy during part of their time in the pen. Trixie did a few leaps in the air while going around the pen- that was good to see.
- The rabbits are digging in the corners.
  - [REDACTED] is going to look at getting a few disposable cardboard cat litter boxes, in case the rabbits may want to use them as a litter box
  - Also may try to find some "clean" cardboard to make a "digging box" as additional enrichment
  - Doesn't look very difficult and some envirodri would work great to fill it



[http://bunnyproof.com/how-to/how-to-](http://bunnyproof.com/how-to/how-to-make-a-digging-box-for-your-rabbit)

[make-a-digging-box-for-your-rabbit](http://bunnyproof.com/how-to/how-to-make-a-digging-box-for-your-rabbit)

- The hay box did not look too slippery to me, but Oopsie did not like it!
  - We are looking at putting some of the brown cardboard paper liners in the hay box and see if that is more to his liking.

Thanks,  
Leslie

**From:** Jarrell, Leslie

**Sent:** Friday, October 06, 2017 2:42 PM

**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie  
<Graff.Jaimie@epa.gov>; [REDACTED]  
[REDACTED]

**Subject:** RE: Rabbit feet - Updates from Oct 5

Hi [REDACTED]

We rechecked 2 of the rabbits. Wanted to give them a little time in the exercise pen before we rechecked. We will check Daisy next week.

Oopsie; Did great with recheck. His right hind foot mat and the scab looks a little more extensive than last time. We were able to brush out the mat a little. He continued to clean it once back in his cage. We will keep working at it. We started topical silvadene, just during the week.

Thumper; He is a good rabbit. He has mild, linear alopecia on both hind feet, and the remaining scabs at the point of the hock are pinpoint, so much improved.

We will recheck Daisy next week. We will recheck Oopsie next Wed or Thurs. Depending on how his foot looks, I may want to anesthetize him and really clean the mat out possibly. Will let you know how he looks next week, and plan out if we need to anesthetize him.

Thanks,  
Leslie

**From:** Jarrell, Leslie

**Sent:** Thursday, September 07, 2017 2:25 PM

**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie  
<Graff.Jaimie@epa.gov>; [REDACTED]  
[REDACTED]

**Subject:** Rabbit feet - updates from Sept 7

Hi [REDACTED]

[REDACTED] and I rechecked the rabbits today. I brushed out Oopsie's foot a little. He was not thrilled about it, but did OK. He still has a mat on his right hind foot, it is about the same. The small scab on the point of the hock appears unchanged.

Daisy has a mat again, this time on her left hind foot on the ventral surface. Also, she has a small scab on the point of the hock. She has some alopecia on her right hind foot. She did pretty well with the exam but I did not attempt to brush her.

And Thumper. He is a good rabbit. He has linear alopecia on both hind feet, and also some scabs as well.

We will recheck everyone in about 2 weeks. Hopefully will get the floor pen up soon as well.

Jarrell, Leslie

Oopsie

**From:** Jarrell, Leslie  
**Sent:** Friday, October 06, 2017 2:41 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie; [REDACTED]  
**Subject:** Narotsky, Michael  
RE: Rabbit feet - Updates from Oct 5

Hi [REDACTED]

We rechecked 2 of the rabbits. Wanted to give them a little time in the exercise pen before we rechecked. We will check Daisy next week.

Oopsie; Did great with recheck. His right hind foot mat and the scab looks a little more extensive than last time. We were able to brush out the mat a little. He continued to clean it once back in his cage. We will keep working at it. We started topical silvadene, just during the week.

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Thanks,  
Leslie

**From:** Jarrell, Leslie  
**Sent:** Thursday, September 07, 2017 2:25 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie  
<Graff.Jaimie@epa.gov>; [REDACTED]  
[REDACTED]  
**Subject:** Rabbit feet - updates from Sept 7

Hi [REDACTED]

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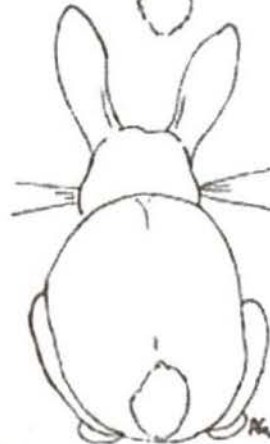
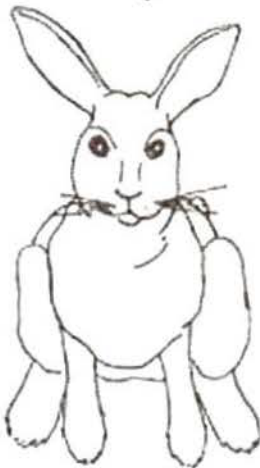
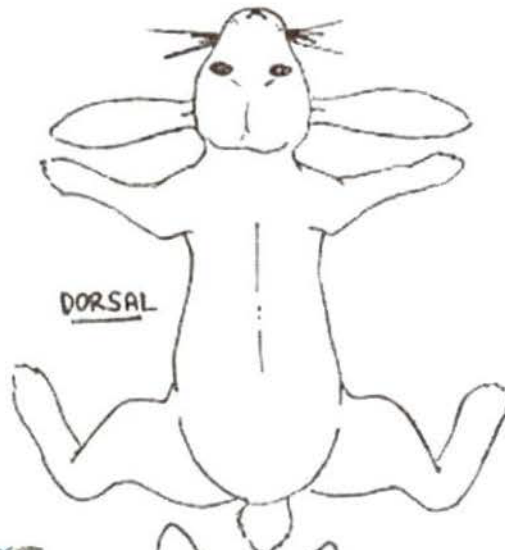
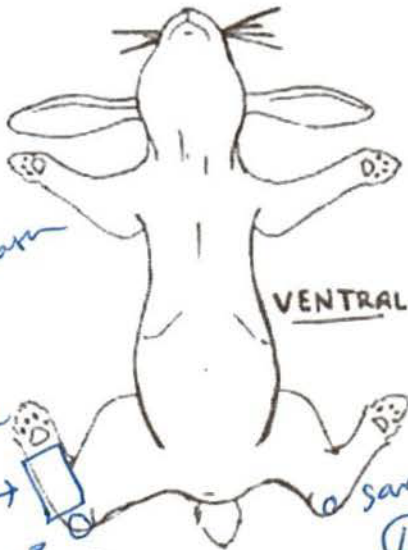
And Thumper. He is a good rabbit. He has linear alopecia on both hind feet, and also some scabs as well.

We will recheck everyone in about 2 weeks. Hopefully will get the floor pen up soon as well.

Thanks,  
Leslie



Oopsie #1015117



uncertain  
if lesion  
underneath

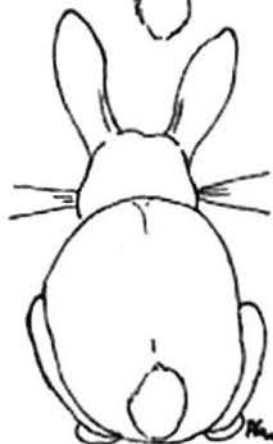
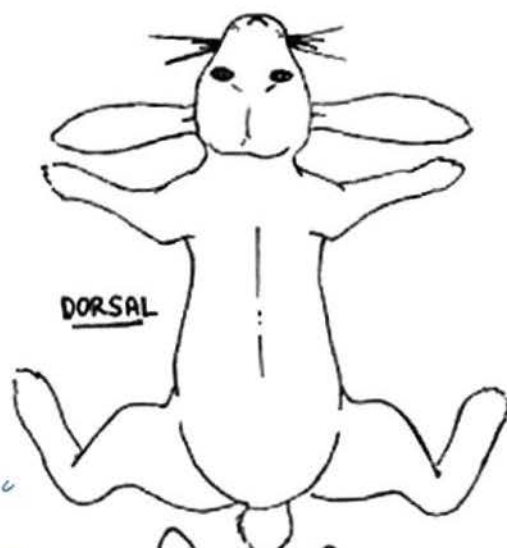
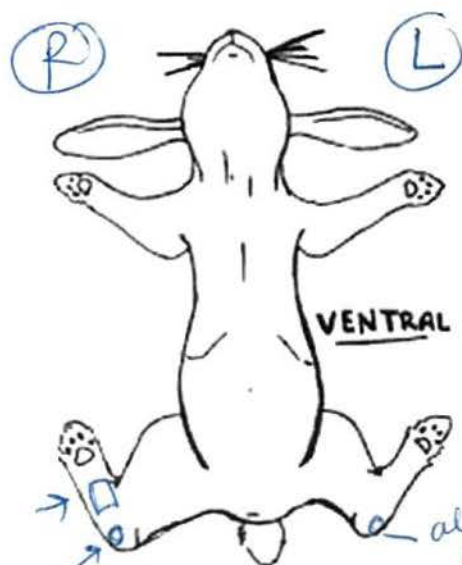
large thick  
extensive  
mat

slightly  
larger scab  
~ 4-5mm

same  
Ⓛ  
alopecia  
small  
scab



Jopsie  
9/7/17



Jarrell, Leslie

Oopsie

**From:** Jarrell, Leslie  
**Sent:** Thursday, September 07, 2017 2:24 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie; [REDACTED]  
**Subject:** Rabbit feet - updates from Sept 7

Hi [REDACTED],  
[REDACTED] and I rechecked the rabbits today. I brushed out Oopsie's foot a little. He was not thrilled about it, but did OK. He still has a mat on his right hind foot, it is about the same. The small scab on the point of the hock appears unchanged.

Daisy has a mat again, this time on her left hind foot on the ventral surface. Also, she has a small scab on the point of the hock. She has some alopecia on her right hind foot. She did pretty well with the exam but I did not attempt to brush her.

And Thumper. He is a good rabbit. He has linear alopecia on both hind feet, and also some scabs as well.

We will recheck everyone in about 2 weeks. Hopefully will get the floor pen up soon as well.

Thanks,  
Leslie

# SMALL MAMMAL PATIENT EXAMINATION REPORT CARD

<b>1. Coat/Fur &amp; Skin</b> Appears normal    Dull/Dry Sealy                Scabs Infection            Shedding Matted               Tumors Itchy                  Hair Loss	<b>TESTS NEEDED:</b> <input type="checkbox"/> Annual Blood Work <input type="checkbox"/> Urinalysis <input type="checkbox"/> Fecal Examination <input type="checkbox"/> Spay / Neuter <input type="checkbox"/> Microchip <input type="checkbox"/> Skin Scraping <input type="checkbox"/> Fungal Culture <input type="checkbox"/> Ear Cytology	<b>RECOMMENDATIONS:</b> Cage Change: _____ Bedding Change: Change Type Diet Change: Please see handout	<b>Tech Initials:</b> _____ <b>Temp:</b> _____ <b>Weight:</b> _____								
<b>2. Eyes</b> Appears Normal    Discharge Inflamed            Infection Eyelid Deformities    Ulcer: L R Cataract: L R	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"><b>Appetite:</b> normal / increased / decreased</td> <td style="width:33%;"><b>Urination:</b> normal / increased/decreased</td> </tr> <tr> <td><b>Water Intake:</b> normal / increased / decreased</td> <td><b>Attitude:</b> normal / abnormal</td> </tr> <tr> <td><b>Coughing:</b> No / Yes, Frequency: _____</td> <td><b>Feces:</b> normal / abnormal</td> </tr> <tr> <td><b>Sneezing:</b> No / Yes, Frequency: _____</td> <td></td> </tr> </table>			<b>Appetite:</b> normal / increased / decreased	<b>Urination:</b> normal / increased/decreased	<b>Water Intake:</b> normal / increased / decreased	<b>Attitude:</b> normal / abnormal	<b>Coughing:</b> No / Yes, Frequency: _____	<b>Feces:</b> normal / abnormal	<b>Sneezing:</b> No / Yes, Frequency: _____	
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<b>Coughing:</b> No / Yes, Frequency: _____	<b>Feces:</b> normal / abnormal										
<b>Sneezing:</b> No / Yes, Frequency: _____											
<b>3. Ears</b> Appears Normal    Inflamed: L R Dirty                Mites Tumor: L R        Infected Excessive Hair    Painful	<b>Presented For:</b> <u>Red feet only</u>										
<b>4. Nose</b> Appears Normal    Nasal Discharge Other: _____	<b>Historical Issues/ Medications:</b> _____										
<b>5. Mouth, Teeth, Gums</b> Appears Normal    Broken Teeth Tartar Buildup    Tumors Overgrown Incisors    Inflamed Lips Overgrown Molars    Periodontal Disease Overgrown roots    Abscessed	<b>Current Diet:</b> _____										
<b>6. Legs &amp; Paws</b> Appears Normal    Joint Problems Nail Problems    Lameness Other: _____	<b>Examination:</b> <u>Brief red feet only</u> <u>9/7/17 - L Hind alopecia</u> <u>R Hind scabs, mat remains</u> <u>Oopsy not enthusiastic</u> <u>(AIP) Pododermatitis, mild - moderate,</u> <u>chronic</u> <u>Await pen</u> <u>Ljamel</u> <u>Rev ~ 2 wks.</u>										
<b>7. Heart</b> Appears Normal Slow                Fast Murmur            Irregular	<u>10/5/17 Rev feet</u> <u>(SIO) (L) hind alopecia much improved + no scabs</u> <u>well furred + clean</u> <u>(R) hind worse - mat is larger; scabs</u> <u>larger, mat is thick but seems to</u> <u>have some normal fur underneath</u> <u>(AIP) picked at mat w/ comb - some scabs + some</u> <u>fur underneath. Apply Silvadene SID when</u> <u>(AIP) is here only. Rev w/ w/ on Thurs. Anes pen</u>										
<b>8. Lungs</b> Appears Normal    Coughing Abnormal Sound    Congestion Rapid Respiration    Dyspnea	<b>Doctor:</b> _____ <b>Doctor's name, DVM</b> _____ <b>Need:</b> _____ <b>In:</b> <u>Jamel</u> <b>Days</b> _____										
<b>9. Abdomen</b> Appears Normal    Abnormal Mass Enlarged Organs    Tense/Painful Fluid                Swollen	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:25%;">DIAGNOSIS OR PROBLEMS</th> <th style="width:25%;">PROGNOSIS</th> <th style="width:25%;">DIFFERENTIAL DIAGNOSIS</th> <th style="width:25%;">PLAN</th> </tr> <tr> <td style="height: 40px;"></td> <td></td> <td></td> <td></td> </tr> </table>			DIAGNOSIS OR PROBLEMS	PROGNOSIS	DIFFERENTIAL DIAGNOSIS	PLAN				
DIAGNOSIS OR PROBLEMS	PROGNOSIS	DIFFERENTIAL DIAGNOSIS	PLAN								
<b>10. Gastrointestinal System</b> Appears Normal    Abnormal Feces Stasis/ Impaction    Parasites Anorexia	<b>Today's Date:</b> <u>9/7/17</u> <b>Chart #:</b> _____ <b>Species/ Breed:</b> _____ <b>DOB:</b> _____ <b>Pet's Name:</b> <u>Oopsy</u> <b>Last Name:</b> _____ <b>Color:</b> _____ <b>Sex:</b> _____										
<b>11. Urogenital System</b> Appears Normal    Abnormal Urination Mammary Tumors    Genital Discharge Abnormal Testicles											
<b>12. Weight</b> Normal                Obese Heavy By: _____    Thin By: _____											



Jarrell, Leslie

*Oopsie*

**From:** Jarrell, Leslie  
**Sent:** Monday, August 28, 2017 1:35 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie; [REDACTED]  
**Subject:** RE: Oopsie the rabbit update from Aug 25th

Hi [REDACTED]  
[REDACTED] and I brushed out Oopsie's foot again on Fri Aug 25<sup>th</sup>. He had just had a bath the day before so was nice and clean.

He did very well with brushing although he was not excited about it. Who could blame him?

We got even more of his right hind foot mat untangled. So that's very good. Unfortunately he now has a small scab on the point of the hock, which is a little worse than before. So.. overall I still think that is good progress. But needs more work.

I think [REDACTED] has already ordered the mats for the rabbit room. So hopefully we will get started on the room soon. I'm thinking keeping him on a flat solid floor for maybe 2 days/ week (during work hours only) will help a lot.

Thanks,  
Leslie

**From:** Jarrell, Leslie  
**Sent:** Friday, August 18, 2017 2:08 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie  
<Graff.Jaimie@epa.gov>; [REDACTED]  
**Subject:** RE: Oopsie the rabbit update

Hi [REDACTED]  
[REDACTED] and I brushed Oopsie's right hind foot out on Wed. He did very well. We got most of the mat untangled, but there is not a lot of fur. And we could not get the central portion of the mat brushed out. Will try again this week.

We are still working on plans for the rabbit exercise/ enrichment room. Hopefully will have some ideas ready next week.

Thank you!  
Leslie

**From:** [REDACTED]  
**Sent:** Tuesday, August 08, 2017 9:47 AM  
**To:** Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie  
<Graff.Jaimie@epa.gov>; [REDACTED]  
**Subject:** RE: Oopsie the rabbit update

Thank you

**From:** Jarrell, Leslie

**Sent:** Tuesday, August 08, 2017 9:02 AM

**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie

**<Graff.Jaimie@epa.gov>;** [REDACTED]  
[REDACTED]

**Subject:** RE: Oopsie the rabbit update

Hi, Oopsie did very well with his foot brushing. He's a good rabbit. But the brush wasn't a good one to get the mat out. I'm working on ordering a few other brushes to see if a different brush will help. Hopefully they will be here this week. If not, we will try next week.

Thanks,  
Leslie

**From:** [REDACTED]  
**Sent:** Wednesday, August 02, 2017 12:33 PM

**To:** Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]

**Subject:** RE: Oopsie the rabbit update

That sounds good, thanks

**From:** Jarrell, Leslie  
**Sent:** Wednesday, August 02, 2017 12:31 PM

**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie

**<Graff.Jaimie@epa.gov>;** [REDACTED]  
[REDACTED]

**Subject:** Oopsie the rabbit update

Hi [REDACTED]  
Oopsie did very well with his foot rechecks recently. He is a very personable and sociable rabbit. However he is still having issues with pododermatitis. I'm not sure why he continues to have issues with his right hind foot. He has a small mat forming again. I'd like to see if we can brush it out, if [REDACTED] thinks that Oopsie can do it without anesthesia. We can always give it a try and then if he is not having it, can plan to anesthetize him.

Please let me know if that would be OK with you?

I'm proposing some possible plans, to increase all of the rabbits' exercise level. So a plan is in the works! I'll let you know how things progress.

Thanks,  
Leslie

Jarrell, Leslie

Oopsie

**From:** Jarrell, Leslie  
**Sent:** Friday, August 18, 2017 2:07 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie; [REDACTED]  
**Subject:** RE: Oopsie the rabbit update

Hi [REDACTED]  
[REDACTED] and I brushed Oopsie's right hind foot out on Wed. He did very well. We got most of the mat untangled, but there is not a lot of fur. And we could not get the central portion of the mat brushed out. Will try again this week.

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[REDACTED]  
**Subject:** RE: Oopsie the rabbit update

Thank you

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Jarrell, Leslie

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<Graff.Jaimie@epa.gov>; [REDACTED]  
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Jarrell, Leslie

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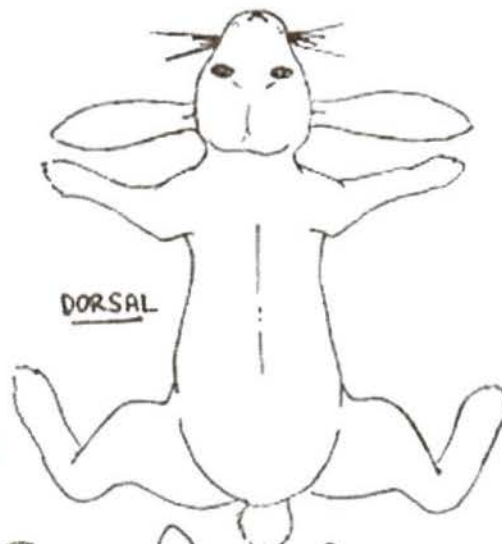
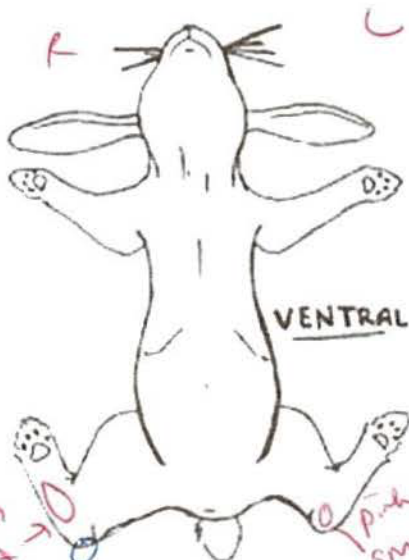
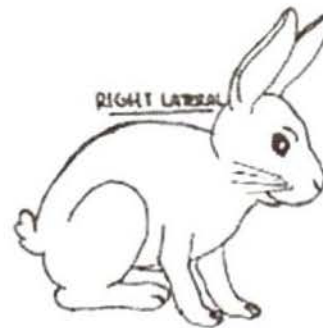
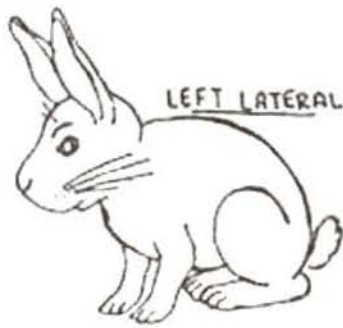
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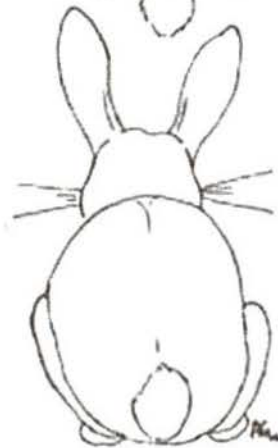
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Leslie

# SMALL MAMMALS PATIENT EXAMINATION REPORT CARD

<b>1. Coat/Fur &amp; Skin</b> Appears normal      Dull/Dry Scaly                      Scabs Infection                Shedding Matted                    Tumors Itchy                        Hair Loss	<b>TESTS NEEDED:</b> <input type="checkbox"/> Annual Blood Work <input type="checkbox"/> Urinalysis <input type="checkbox"/> Fecal Examination <input type="checkbox"/> Spay / Neuter <input type="checkbox"/> Microchip <input type="checkbox"/> Skin Scraping <input type="checkbox"/> Fungal Culture <input type="checkbox"/> Ear Cytology	<b>RECOMMENDATIONS:</b> Cage Change: _____ Bedding Change: Change Type _____ Diet Change: Please see handout _____	Tech Initials: _____ Temp: _____ Weight: _____								
<b>2. Eyes</b> Appears Normal      Discharge Inflamed                Infection Eyelid Deformities    Ulcer: L R Cataract: L R	<table style="width:100%;"> <tr> <td><b>Appetite:</b> normal / increased / decreased</td> <td><b>Urination:</b> normal / increased / decreased</td> </tr> <tr> <td><b>Water Intake:</b> normal / increased / decreased</td> <td><b>Attitude:</b> normal / abnormal</td> </tr> <tr> <td><b>Coughing:</b> No / Yes, Frequency: _____</td> <td><b>Feces:</b> normal / abnormal</td> </tr> <tr> <td><b>Sneezing:</b> No / Yes, Frequency: _____</td> <td></td> </tr> </table>			<b>Appetite:</b> normal / increased / decreased	<b>Urination:</b> normal / increased / decreased	<b>Water Intake:</b> normal / increased / decreased	<b>Attitude:</b> normal / abnormal	<b>Coughing:</b> No / Yes, Frequency: _____	<b>Feces:</b> normal / abnormal	<b>Sneezing:</b> No / Yes, Frequency: _____	
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<b>3. Ears</b> Appears Normal      Inflamed: L R Dirty                    Mites Tumor: L R            Infected Excessive Hair       Painful	<b>Presented For:</b> _____ _____ <b>Historical Issues/ Medications:</b> _____ _____ <b>Current Diet:</b> _____ _____										
<b>4. Nose</b> Appears Normal      Nasal Discharge Other: _____	<b>Examination:</b> Foot Recheck brief 6/30/17 2 hind - ok 2 hind - better no mats, sloping as before Rev 7/13/17 - RH - ok LH - no mats; some sloping on changed Rev 7/18/17 - RH - moderate mat again; fur under LH - ok → but pink scab. thin layer Rev 8/13/17 - RH - mat brushed w/ slicker - need to do w/ mat brush LH - ok Rev 8/16/17 - RH - used new comb on mat - better but not thru mat LH - ok Rev 8/25/17 - RH - much better on mat but now Doctor: Doctor's name, DVM    Need: LH - ok    In: scab Rlt Days										
<b>5. Mouth, Teeth, Gums</b> Appears Normal      Broken Teeth Tartar Buildup        Tumors Overgrown Incisors    Inflamed Lips Overgrown Molars    Periodontal Disease Overgrown roots       Abscessed	<b>DIAGNOSIS OR PROBLEMS</b> <b>PROGNOSIS</b> <b>DIFFERENTIAL DIAGNOSIS</b> <b>PLAN</b>										
<b>6. Legs &amp; Paws</b> Appears Normal      Joint Problems Nail Problems        Lameness Other: _____	Today's Date: 10/7/2017    Chart #:    Species/ Breed:    DOB:    Sex:										
<b>7. Heart</b> Appears Normal Slow                      Fast Murmur                  Irregular	Pet's Name: 107 Opsie    Last Name:    Color:    Sex:										
<b>8. Lungs</b> Appears Normal      Coughing Abnormal Sound       Congestion Rapid Respiration    Dyspnea											
<b>9. Abdomen</b> Appears Normal      Abnormal Mass Enlarged Organs      Tense/Painful Fluid                      Swollen											
<b>10. Gastrointestinal System</b> Appears Normal      Abnormal Feces Stasis/ Impaction      Parasites Anorexia											
<b>11. Urogenital System</b> Appears Normal      Abnormal Urination Mammary Tumors      Genital Discharge Abnormal Testicles											
<b>12. Weight</b> Normal                      Obese Heavy By:                  Thin By:											



picture →  
 large mat →  
 fur under.  
 8/25/17  
 New  
 scabs →



Matala Animal Clinic, Inc. 420 Jupiter Street, Kailua, HI 96734 808-262-9621

#107 oopsie  
 Foot Recheck Brief

7/18/17

Jarrell, Leslie

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**From:** Jarrell, Leslie  
**Sent:** Wednesday, July 05, 2017 10:51 AM  
**To:** [REDACTED]  
**Cc:** Graff, Jaimie; [REDACTED]  
**Subject:** RE: Daisy's feet, and Oopsie's feet updates

Thank you!  
Leslie

**From:** [REDACTED]  
**Sent:** Wednesday, July 05, 2017 10:38 AM  
**To:** Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]  
**Cc:** Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]  
**Subject:** RE: Daisy's feet, and Oopsie's feet updates

That would be fine

**From:** Jarrell, Leslie  
**Sent:** Friday, June 30, 2017 3:46 PM  
**To:** [REDACTED]  
**Cc:** Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]  
**Subject:** Daisy's feet, and Oopsie's feet updates

Hi [REDACTED],  
Daisy has a few small mats on her hind feet. I think we could brush them out, but she isn't the most sociable rabbit. Would it be OK if we anesthetized her- maybe Wed or Thurs next week or possibly the week after (week of the 10<sup>th</sup>)?

Oopsie's feet are looking much better, but still have very small alopecia areas, one with a scab. We will keep checking him.

Thanks,  
Leslie

Jarrell, Leslie

*Oapsie*

**From:** Jarrell, Leslie  
**Sent:** Wednesday, June 14, 2017 10:50 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: Rabbit Toys

Thanks. My goal is that rabbits always have hay in with them. Even if they don't eat it all. We will start slow to get there.  
Thanks.

**From:** [REDACTED]  
**Sent:** Wednesday, June 14, 2017 10:49 AM  
**To:** Jarrell, Leslie <Jarrell.Leslie@epa.gov>  
**Cc:** [REDACTED]  
**Subject:** RE: Rabbit Toys

Ok, thanks. He wanted to check in with you before he starts. I will let him know.

**From:** Jarrell, Leslie  
**Sent:** Wednesday, June 14, 2017 10:47 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: Rabbit Toys

- If the new toys are washable, then washing would be good
- New hay
  - Per rabbit;
    - Mon June 19- Sun June 25
      - Give 1 handful new hay and 1 handful old hay in morning
      - Don't take any out
    - Mon June 26 – Sun July 2
      - Give 2 handfuls new hay and 1 handful old hay in morning
      - Don't take any out
    - Mon July 3- Sun July 9
      - Give 3 handfuls new hay in morning
      - Don't take any out

Thanks,  
Leslie

**From:** [REDACTED]  
**Sent:** Wednesday, June 14, 2017 9:39 AM  
**To:** Jarrell, Leslie <Jarrell.Leslie@epa.gov>  
**Cc:** [REDACTED]  
**Subject:** Rabbit Toys



Leslie,

■ would like to know the plan for the new rabbit toys and hay. He was thinking maybe we could start on Monday, so he'll be able to monitor their progress all week long. Also, does he need to wash the toys?

Thanks.

WED 5/24/17 EXAM cont.

(A) Matted fur, espec (P) Hind foot

(P) Rec anesthesia + clean  
PI ok's.

THURS 5/25/17 → (Iso/O<sub>2</sub> via induction box → righting reflex  
lost &  
490/2l/min

→ used mosquito hemostats to  
tease apart (P) hind foot mat. & 35-3-290 iso  
Most was removed without  
any clipping, + with fur → placed on warm  
(normal fluffy fur) on foot. water recirculating  
blanket

→ This foot had ~ 4mm diameter  
lesion of alopecia + erythema  
Possible 2mm scab. Difficult to tell if  
placed Siwodene, mat or scab & decided  
to leave

→ (P) hind foot is well  
furred except at back  
where there is a 4mm  
alopecic area. No tent.

Fast smooth recovery.  
(P) { Placed in 2-cage wide "run".  
Rec 2-4 weeks.  
E. Farrell DVM

# SMALL MAMMALS PATIENT EXAMINATION REPORT CARD

<b>1. Coat/Fur &amp; Skin</b> Appears normal Scaly Infection <u>Matted</u> Itchy Dull/Dry Scabs Shedding Tumors <u>Hair Loss</u>	<b>TESTS NEEDED:</b> <input type="checkbox"/> Annual Blood Work <input type="checkbox"/> Urinalysis <input type="checkbox"/> Fecal Examination <input type="checkbox"/> Spay / Neuter <input type="checkbox"/> Microchip <input type="checkbox"/> Skin Scraping <input type="checkbox"/> Fungal Culture <input type="checkbox"/> Ear Cytology	<b>RECOMMENDATIONS:</b> <u>FX</u> Cage Change: <u>Weekly</u> Bedding Change: <u>Change Type</u> <u>N/A</u> Diet Change: <u>Please see handout</u>	Tech Initials: _____ Temp: <u>Not</u> Weight: <u>4.36 kg</u> <u>5/22/17</u>
<b>2. Eyes</b> <u>Appears Normal</u> Inflamed Eyelid Deformities Cataract: L R Discharge Infection Ulcer: L R	<b>Appetite:</b> <u>normal</u> / increased / decreased <b>Water Intake:</b> <u>normal</u> / increased / decreased <b>Coughing:</b> <u>No</u> / Yes, Frequency: _____ <b>Sneezing:</b> <u>No</u> / Yes, Frequency: _____ <b>Urination:</b> <u>normal</u> / increased / decreased <b>Attitude:</b> <u>normal</u> / abnormal <b>Feces:</b> <u>normal</u> / abnormal <u>intermittent</u>		
<b>3. Ears</b> <u>Appears Normal</u> Dirty Tumor: L R Excessive Hair Inflamed: L R Mites Infected Painful	Presented For: <u>Annual exam</u>		
<b>4. Nose</b> <u>Appears Normal</u> Other: _____ Nasal Discharge	Historical Issues/ Medications: <u>"Dirty coat" - otherwise wnl.</u>		
<b>5. Mouth, Teeth, Gums</b> Appears Normal Tartar Buildup Overgrown Incisors Overgrown Molars Overgrown roots Broken Teeth Tumors Inflamed Lips Periodontal Disease Abscessed	Current Diet: <u>1-2 handful timothy or other hay</u> <u>daily, rabbit pellets, fresh veg</u> <u>alfalfa</u>		
<b>6. Legs &amp; Paws</b> <u>Appears Normal</u> Nail Problems Other: _____ Joint Problems Lameness	Examination: <u>HR 220 RR sniff Thin over ribs</u> <u>BARH MM pit moist CRT 1 sec</u> <u>NO murmurs or arrhythmias. Abd - no masses</u> <u>palpated. Both testicles ok</u> <u>poor grooming, perineal, tail base, hind feet</u>		
<b>7. Heart</b> <u>Appears Normal</u> Slow Murmur Fast Irregular			
<b>8. Lungs</b> <u>Appears Normal</u> Abnormal Sound Rapid Respiration Coughing Congestion Dyspnea	05/25/17 → matted fur		
<b>9. Abdomen</b> <u>Appears Normal</u> Enlarged Organs Fluid Abnormal Mass Tense/Painful Swollen	Mats at tail base bilateral; dirty fur at perineum, hard mat at ventral (R) hind foot Rec Anes + clean - PE ok's: See over →		
<b>10. Gastrointestinal System</b> <u>Appears Normal</u> Stasis/Impaction Anorexia Abnormal Feces Parasites	Doctor: <u>Janell</u> , DVM Need: <u>Rev</u> In: <u>~14-30</u> Days		
<b>11. Urogenital System</b> <u>Appears Normal</u> Mammary Tumors Abnormal Testicles Abnormal Urination Genital Discharge	DIAGNOSIS OR PROBLEMS: <u>poor grooming + mats</u> PROGNOSIS: _____ DIFFERENTIAL DIAGNOSIS: _____ PLAN: <u>Anesthetize + review feet</u>		
<b>12. Weight</b> Normal Heavy By: _____ Obese Thin By: _____	Today's Date: <u>5/24/17</u> Chart #: <u>107</u> Species/Breed: <u>Rabbit NZW</u> DOB: <u>9/2/15</u> Pet's Name: <u>107 Oopsy</u> Last Name: _____ Color: <u>White</u> Sex: <u>MB</u>		

\* born on-site \*



① Matted fur, espec ② Hind foot

② Rec anesthesia + clean  
PI ok's.

5/25/17 → (Iso/O<sub>2</sub> via induction box → righting reflex  
4% / 2l/min lost &

→ used mosquito hemostats to  
tease apart ② hind foot mat. & 35-3-290 iso  
mat was removed without  
any clipping, + with fur → placed on warm  
(normal fluffy fur) on foot. water recirculating  
blanket

→ This foot had ~ 4mm diameter  
lesion of alopecia + erythema  
Possible 2mm scab. Difficult to tell if  
placed Silvadene, mat or scab & decided  
to leave

→ ② hind foot is well  
furred except at back  
where there is a 4mm  
alopecic area. No tent.

Fast smooth recovery.

Placed in 2-cage wide "run".  
Rev 2-4 weeks.

Garrett Dunn

Jarrell, Leslie

Oopsie

**From:** [REDACTED]  
**Sent:** Wednesday, May 24, 2017 12:00 PM  
**To:** Jarrell, Leslie; [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie; [REDACTED]  
**Subject:** RE: Oopsie the rabbit and overall rabbit exams

Yes

**From:** Jarrell, Leslie  
**Sent:** Wednesday, May 24, 2017 11:57 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie  
<Graff.Jaimie@epa.gov>; [REDACTED]  
**Subject:** RE: Oopsie the rabbit and overall rabbit exams

Thanks [REDACTED] OK to anesthetize Oopsie tomorrow? Anesthesia is always a risk, but he is young.

Thanks,  
Leslie

**From:** [REDACTED]  
**Sent:** Wednesday, May 24, 2017 11:29 AM  
**To:** Jarrell, Leslie <Jarrell.Leslie@epa.gov> [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie  
<Graff.Jaimie@epa.gov>; [REDACTED]  
**Subject:** RE: Oopsie the rabbit and overall rabbit exams

I favor a day / week in the run for all

**From:** Jarrell, Leslie  
**Sent:** Wednesday, May 24, 2017 10:52 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie  
<Graff.Jaimie@epa.gov>; [REDACTED]  
**Subject:** Oopsie the rabbit and overall rabbit exams

Hi [REDACTED]  
We finished our rabbit exams today. Only a few concerns. One is Oopsie. He has some matted fur on both of his hind feet. He has a few other mats as well, but the feet make me the most worried. I will send more emails specifically on each rabbit in addition to this one.

My recommendation is to anesthetize Oopsie tomorrow early afternoon with [REDACTED] and try to clean and brush out the mats on his feet. If I can't brush them out, I will have to clip the matted fur off. I absolutely would hate to do

that. That is the only protection for his feet. However they are dirty and matted, and in that condition they are nearly as bad as having very thin fur.

Oopsie is a young rabbit. It is alarming that he is not grooming his feet properly. This can be due to obesity (he's not, in my opinion), or lack of exercise, or due to flooring, or a combination. I personally think that the racks are good, but clearly still he has issues.

To address this issue, I'd like to discuss these options with [REDACTED] when he is back, and [REDACTED] as well.

Some options;

- Keep Oopsie in the exercise pen for a day or more at a time
  - This would be if he doesn't escape or hurt himself while in the pen
  - And if he could have some sort of cover on the non-slip floor, so he doesn't eat the floor mats
  - I'd recommend a giant piece of thick fleece to cover the floor mat, if he doesn't eat the fleece
- Rotate Oopsie into a 2-cage "run" in the rack
  - He wouldn't be able to see or touch another rabbit during this time
    - But we could do a few days alone in a 2 cage "run", then back to half a run with social contact
  - We could do this with all the rabbits, so they'd rotate through a larger cage once a month or so, good for exercise theoretically
- Train all rabbits to use litter boxes (plastic or cardboard, filled with hay, cat litter boxes)
  - In this way, we could cover some of the flooring with a solid floor of some kind
    - Possibly a foam mat with fleece covering
  - This would probably be a good idea no matter what
- Keep Oopsie continually on a thick layer of hay in his cage, over the regular flooring
  - Problems with this; we would need to clean the hay frequently if he is not using a litter box
    - Otherwise he will stay dirty

Other issues;

- Both Trixie and Daisy are obese, and are continually gaining weight
  - I'd recommend to decrease their pellets and increase their hay
  - Would recommend that they have hay available all the time
- Rotate hay types offered and increase hay quality and quantity for all rabbits
  - Would recommend they have hay available all the time
- Rotate all toys
- Offer new toys
  - Discussed with [REDACTED] stuffing empty cardboard glove boxes with hay, or carrots
  - Also paper towel rolls stuffed with hay
  - Maybe rat tunnels or tubes, they can throw them around
  - Stuff the Kongs with hay
  - Oxbow timothy tunnels/ huts/ mats etc
    - They can't get into the tunnels but can throw them around
    - And they are 100% edible made of timothy hay

Please let me know your thoughts?

Thanks very much,

Leslie



From: Jarrell, Leslie  
Sent: Wednesday, May 24, 2017 10:52 AM  
To: [REDACTED]  
Cc: [REDACTED] Graff, Jaimie;  
Subject: Oopsie the rabbit and overall rabbit exams

Hi [REDACTED]

We finished our rabbit exams today. Only a few concerns. One is Oopsie. He has some matted fur on both of his hind feet. He has a few other mats as well, but the feet make me the most worried. I will send more emails specifically on each rabbit in addition to this one.

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Oopsie is a young rabbit. It is alarming that he is not grooming his feet properly. This can be due to obesity (he's not, in my opinion), or lack of exercise, or due to flooring, or a combination. I personally think that the racks are good, but clearly still he has issues.

To address this issue, I'd like to discuss these options with [REDACTED] when he is back, and [REDACTED] as well. Some options;

- Keep Oopsie in the exercise pen for a day or more at a time
  - This would be if he doesn't escape or hurt himself while in the pen
  - And if he could have some sort of cover on the non-slip floor, so he doesn't eat the floor mats
  - I'd recommend a giant piece of thick fleece to cover the floor mat, if he doesn't eat the fleece
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- Offer new toys
  - Discussed with [REDACTED] stuffing empty cardboard glove boxes with hay, or carrots
  - Also paper towel rolls stuffed with hay



- Maybe rat tunnels or tubes, they can throw them around
- Stuff the Kongs with hay
- Oxbow timothy tunnels/ huts/ mats etc
  - They can't get into the tunnels but can throw them around
  - And they are 100% edible made of timothy hay

Please let me know your thoughts?

Thanks very much,

Leslie

Jarrell, Leslie

---

Oopsie

**From:** Jarrell, Leslie  
**Sent:** Tuesday, October 25, 2016 10:53 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: Timothy Hay Mats

Thanks [REDACTED] For Peter rabbit, if he can have one on the floor. We will see how he does.

It would be great if all the rabbits had mats, but the rest of them don't need one on the floor. It can be hung up on the bar or something so they could grab it. Like extra enrichment. Could remove keys or other hanging stuff so they get more variety. Also Peter could have one hanging if there is room.

We should be up to all of the rabbits getting 3 handfuls/ day of hay daily, if that could be confirmed. Also the Oxbow hay looks really good. Much softer and less stems/ heads. I'd recommend to buy the timothy from Oxbow as well.

Thanks,  
Leslie

**From:** [REDACTED]  
**Sent:** Tuesday, October 25, 2016 10:50 AM  
**To:** Jarrell, Leslie <Jarrell.Leslie@epa.gov>  
**Cc:** [REDACTED]  
**Subject:** Timothy Hay Mats

Hi Leslie,

The Timothy hay mats arrived today for the rabbits. Would you like for ACS to put them in all of the cages or just for Peter?

Thanks,

[REDACTED]

Jarrell, Leslie

Oopsie

**From:** Jarrell, Leslie  
**Sent:** Wednesday, September 28, 2016 11:51 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]; Graft, Jaimie; [REDACTED]  
**Subject:** RE: AHR# 16132- update 092816- increase hay again and plan

Hi, All rabbits were eating hay this morning. That is good to see. [REDACTED] and I checked Thumper again. He appears to be losing less fur, does not have alopecia, and is active and bright. Weight appears steady.

A: Appears to have had heavy shed.

P: Continue plan to increase hay. Currently getting hay morning and afternoon.

1. 3<sup>rd</sup> week (This week - Sept 26) offer 2 handfuls of hay morning and afternoon. During weekend, give 3 handfuls in the morning.
2. 4<sup>th</sup> week- week of Oct 3- offer 3 handfuls hay morning and 2 in afternoon. During weekend, give 3 handfuls hay in the morning.
3. We will need more hay.

Thanks,  
Leslie

**From:** Jarrell, Leslie  
**Sent:** Monday, September 12, 2016 10:22 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: AHR# 16132- increase hay please respond

Thanks [REDACTED] Will let you know how it goes!  
Thanks,  
Leslie

**From:** [REDACTED]  
**Sent:** Monday, September 12, 2016 10:16 AM  
**To:** Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: AHR# 16132- increase hay please respond

Sounds good.  
We all need a little extra lovin as we age

[REDACTED]

From: Jarrell, Leslie

Sent: Monday, September 12, 2016 10:14 AM

To: [REDACTED]

Cc: [REDACTED]

Subject: RE: AHR# 16132- increase hay please respond

Hi [REDACTED]

[REDACTED] and I examined Thumper this morning. [REDACTED] reported that Thumper is eating well, defecating normally, has not had weight loss or ambulation issues. Thumper is 8.5 years old.

O: Weight appears steady, consistent with his regular body weight. Thumper is bright, alert, responsive and hydrated. No lameness or reluctance to hop. He is a personable and social rabbit. No obvious lesions or masses on physical exam. Hind feet appear furred. Did not do oral exam as he often resists. He is losing a large amount of fur, especially in comparison to all the other rabbits including Peter, who is the same age. He has some spots which appear slightly thin but no obvious alopecia.

A: DDX; open. Suspect related to seasonal fur loss and is having a very heavy shed. Or potentially he is having issues grooming- Although the coat is very clean. Differentials; open.

P: Since Thumper has not had weight loss, behavioral changes or ambulation issues, and appears to be eating well and defecating normally, recommend;

1. Increase brushing and remove all hair that is shed from cage so he doesn't eat it all.
2. Increase hay offered. Since all rabbits get one handful hay/ day, recommend to increase hay for all rabbits.
3. Plan for all rabbits; Offer 1 handful hay twice a day for 1 week. During the weekend, give 2 handfuls in the morning.
  - a. Next week (week of Sept 19); offer 2 handful hay in morning and 1 handful afternoon for a week. During weekend, give 3 handfuls in the morning
  - b. 3<sup>rd</sup> week (week of Sept 26) offer 2 handfuls of hay morning and afternoon. During weekend, give 3 handfuls in the morning. Continue this plan.
  - c. We may need more hay.
4. For Thumper- recheck 1 week or earlier. This was a good catch by [REDACTED] Hopefully Thumper is just having a very heavy shed.

Please let me know if this plan works for you.

Thanks,

Leslie

From: [REDACTED]

Sent: Monday, September 12, 2016 8:54 AM

To: [REDACTED]

Cc: Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]

Subject: AHR# 16132

Number: 16132

Date Found: 09/12/16

Time Found: 8:00am



Found by: [REDACTED]  
Room: A486B  
Investigator: [REDACTED]  
LAPR#: 09-03-002  
Species/Strain: Rabbit/NZW  
Sex: male  
DOB: 02/05/08  
Date Received: 09/06/09  
Animal ID/Cage: 24  
Dull coat/unthrifty  
Losing a lot of fur

[REDACTED]  
L.L. Brooks Enterprises  
Contractor for U.S.E.P.A  
Phone: [REDACTED]  
Fax: [REDACTED]

Jarrell, Leslie

Oopsie

From: Jarrell, Leslie  
Sent: Tuesday, July 19, 2016 11:19 AM  
To: [REDACTED]  
Cc: [REDACTED] Graff, Jaimie; [REDACTED]

Subject: RE: Rabbit Exams (6)- part 2

Follow Up Flag: Follow up  
Flag Status: Flagged

[REDACTED] and I examined rabbits on 5/2/16 (Leo, Baby Girl and Leo) and 5/24/16 (Dixie, Oopsie and Daisy). I did not pursue oral exams.

- Rabbit 105 Trixie DOB 5/7/14. Did well for exam. BCS 2.5 on a scale of 1 to 5, where 2.5 is ideal. **Weight 4.86 kg.** Weight in 2015 was 4.68 kg.
- Rabbit 102, Leo, DOB 5/7/14, Did well for exam. BCS 2.5 on scale of 1 to 5, where 2.5 is ideal. **Weight 4.36 kg.** Weight in 2015 was 4.20 kg.
- Rabbit 30, Baby Girl, DOB 2/24/08. Did very well for exam. **Weight 4.18 kg.** Monitor.
  - Weight 2/1/13= 4.46 kg
  - Weight 3/25/15= 4.1 kg
  - So she has not lost weight since last year. However, will need to keep an eye on her.
- Rabbit 106, Dixie, DOB 5/7/14. Did well for exam. **Weight 4.04 kg.** Weight last year was 3.94 kg.
- Rabbit 107, Oopsie, Male intact rabbit, DOB 9/2/15, **Weight 3.84 kg.** Did well for exam. Slight mats on hind feet, watch for issues.
- Rabbit 108, Daisy, Female intact rabbit, DOB 9/2/15. **Weight 3.30 kg.** Very nervous, unable to get thorough exam due to temperament. Continue with socialization.

I would like to post the rabbits' weight history in the suite or room. [REDACTED] has made a chart.

Thanks,  
Leslie

From: Jarrell, Leslie  
Sent: Friday, March 25, 2016 12:44 PM  
To: [REDACTED]  
Cc: [REDACTED]  
[REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>  
Subject: Rabbit Exams (4) and UV light - part 1

[REDACTED] and I examined 4 of the rabbits on 3/9/16. The rabbits did pretty well with exams, but I wasn't able to do oral exams on them. Hopefully the younger ones will eventually tolerate it. I will follow up with the other 6 rabbits' exams over the next month.

As a caveat- although dental exams using otoscope are useful at finding gross pathology of the teeth, current standards for dental care in rabbits involve use of skull x-rays. Earlier dental changes can be found on x-rays than by visual exam, and intervention can be started to delay clinical consequences due to pain and weight loss.

- Rabbit #24 Thumper DOB 2/25/08. Did well for exam. BCS 1.75 on a scale of 1 to 5, where 2.5 is ideal. This is a little lower than last year. [REDACTED] increased the pellets for Thumper last year, but Thumper is at 3.42 kg. He was

around 3.44 kg last year this time. However at least he has not lost any significant weight. I would like to see if we can get his body condition up a little. This makes me concerned about his teeth. He is 8 years old.

- Rabbit #25 Peter DOB 2/25/08. Did well with exam but didn't attempt to examine teeth. He had a number of mats which we have started to clip. I am thinking that he may not be able to groom as well as previously. Peter's weight was 3.96 kg. About a year ago, he was at 4.38 kg. This is significant weight loss. His body condition score is around 1.75 out of 5, where 2.5 is ideal and 1 is emaciated. His is 8 years old now.
  - We have access to CBC/ Chemistry panels for evaluating how his kidneys/ liver etc are doing, which I may like to pursue this year if that is OK with you. Most likely, I would think his teeth are an issue, but we don't have radiographs to evaluate him.
  - We will need to keep a close eye on his weight this year. Also keep working on his coat.
- Rabbit #101 Tex. DOB 5/17/14. Did well with exam. Had some mats, which we were able to clip. I'm not sure why he isn't grooming as well as expected. Plan to work on getting him to tolerate oral exam. And possibly more clipping. Weight 4.46 kg, around 1 year ago was 4.14 kg. Good weight.
- Rabbit #104 Jasper- DOB 5/17/14. Very nervous. Still did not tolerate exam very well. Feet well furred. Weight 4.68 kg, around 1 year ago was 4.14 kg. Good weight. Work on tolerating more handling.

Note; Last year I emailed about research on vitamin D in rabbits. This is the abstract from 2014 off PUBMED. Lab rabbits in particular don't get UV light exposure, and these rabbits are older than most NZW are usually kept. I would like to look into possibilities for checking their vitamin D levels over time, and potentially getting some kind of full spectrum lighting. Low levels of vitamin D have had implications in rabbits for; bone issues such as arthritis, and also dental issues. We have seen some level of these issues in a number of rabbits.

Thanks,  
Leslie

Am J Vet Res. 2014 Apr;75(4):380-4. doi: 10.2460/ajvr.75.4.380.

## **Effects of ultraviolet radiation produced from artificial lights on serum 25-hydroxyvitamin D concentration in captive domestic rabbits (*Oryctolagus cuniculi*).**

Emerson JA<sup>1</sup>, Whittington JK, Allender MC, Mitchell MA.

### **Author information**

- <sup>1</sup>Department of Veterinary Clinical Sciences, College of Veterinary Medicine, University of Illinois, Urbana, IL 61802.

### **Abstract**

#### **OBJECTIVE:**

To determine the effects of UVB radiation produced by artificial lights on serum 25-hydroxyvitamin D concentrations in domestic rabbits (*Oryctolagus cuniculi*).

#### **ANIMALS:**

9 juvenile domestic rabbits.

## **PROCEDURES:**

After an acclimation period, rabbits were anesthetized with isoflurane, and an initial blood sample was collected for determination of serum 25-hydroxyvitamin D concentration. Rabbits were randomly assigned to receive 12-hour exposure to UVB radiation produced by 2 compact fluorescent lights daily ( $n = 5$ ) or no UVB supplementation (4) commencing on day 1. The UVB radiation emitted into the cage was measured at 9 points approximately 34 cm from the surface of the UVB light sources (representing the position of the rabbits in the cage) after 10 hours of exposure on days 1, 8, and 14. On day 14, another blood sample was collected from anesthetized rabbits for determination of serum 25-hydroxyvitamin D concentration.

## **RESULTS:**

The UVB radiation level was 8.3 to 58.1  $\mu\text{W}/\text{cm}^2$  for the exposed rabbits and consistently  $< 0.001 \mu\text{W}/\text{cm}^2$  for the control rabbits. Mean  $\pm$  SD serum 25-hydroxyvitamin D concentrations in the rabbits that were or were not provided supplemental UVB radiation for 14 days differed significantly ( $66.4 \pm 14.3 \text{ nmol/L}$  and  $31.7 \pm 9.9 \text{ nmol/L}$ , respectively).

## **CONCLUSIONS AND CLINICAL RELEVANCE:**

Exposure to UVB radiation produced by artificial light significantly increased serum 25-hydroxyvitamin D concentration in juvenile rabbits. Because vitamin D is an essential hormone in vertebrates, these findings suggested that the provision of supplemental UVB radiation to captive rabbits may be important.



# SMALL MAMM/ PATIENT EXAMINATION REPORT CARD

<b>1. Coat/Fur &amp; Skin</b> Appears normal Scaly Infection Matted Itchy Dull/Dry Scabs Shedding Tumors Hair Loss	<b>TESTS NEEDED:</b> <input type="checkbox"/> Annual Blood Work <input type="checkbox"/> Urinalysis <input type="checkbox"/> Fecal Examination <input type="checkbox"/> Spay / Neuter <input type="checkbox"/> Microchip <input type="checkbox"/> Skin Scraping <input type="checkbox"/> Fungal Culture <input type="checkbox"/> Ear Cytology	<b>RECOMMENDATIONS:</b> Cage Change: _____ Bedding Change: Change Type Diet Change: Please see handout	Tech Initials: _____ Temp: _____ Weight: 3.84 kg
<b>2. Eyes</b> Appears Normal Inflamed Eyelid Deformities Cataract: L R	Discharge Infection Ulcer: L R	<b>Appetite:</b> normal / increased / decreased <b>Water Intake:</b> normal / increased / decreased <b>Coughing:</b> No / Yes, Frequency: _____ <b>Sneezing:</b> No / Yes, Frequency: _____	
<b>3. Ears</b> Appears Normal Dirty Tumor: L R Excessive Hair	Inflamed: L R Mites Infected Painful	<b>Urination:</b> normal / increased / decreased <b>Attitude:</b> normal / abnormal <b>Feces:</b> normal / abnormal	
<b>4. Nose</b> Appears Normal Other:	Nasal Discharge	<b>Presented For:</b> regular exam	
<b>5. Mouth, Teeth, Gums</b> Appears Normal Tartar Buildup Overgrown Incisors Overgrown Molars Overgrown roots	Broken Teeth Tumors Inflamed Lips Periodontal Disease Abscessed	<b>Historical Issues/ Medications:</b> none	
<b>6. Legs &amp; Paws</b> Appears Normal Joint Problems Nail Problems Other:	Joint Problems Lameness	<b>Current Diet:</b> pellets, hay, hay-stacks, fresh	
<b>7. Heart</b> Appears Normal Slow Murmur	200 Fast Irregular	<b>Examination:</b> BARTH. BCS mid MM p/mist CT < 1800 HR 200 no murmur RR sniff lungs clear Abd mid no masses { Slight mat on hind feet } { otherwise mostly clean } watch feet + furrowed feet level watch for pododermatitis	
<b>8. Lungs</b> Appears Normal Abnormal Sound Rapid Respiration	Coughing Congestion Dyspnea	J. Sanchez	
<b>9. Abdomen</b> Appears Normal Enlarged Organs Fluid	Abnormal Mass Tense/Painful Swollen		
<b>10. Gastrointestinal System</b> Appears Normal Stasis/Impaction Anorexia	Abnormal Feces Parasites		
<b>11. Urogenital System</b> Appears Normal Mammary Tumors Abnormal Testicles	Abnormal Urination Genital Discharge		
<b>12. Weight</b> Normal Heavy By: _____ Thin By: _____	3.84 kg Obese Thin By: _____	<b>Doctor:</b> Doctor's name, DVM <i>J. Sanchez</i> <b>Need:</b> re-exam <b>In:</b> 6-12 months <b>Days</b>	
<b>DIAGNOSIS OR PROBLEMS</b>	<b>PROGNOSIS</b>	<b>DIFFERENTIAL DIAGNOSIS</b>	<b>PLAN</b>
<b>Today's Date:</b> 5/24/16 <b>Pet's Name:</b> Oopsy	<b>Chart #:</b> 107 <b>Last Name:</b>	<b>Species/Breed:</b> NZW Rabbit <b>Color:</b> White	<b>DOB:</b> 9/2/15 <b>Sex:</b> FF ME

Jarrell, Leslie

Oopsyie

**From:** Jarrell, Leslie  
**Sent:** Thursday, February 25, 2016 2:08 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Graff, Jaimie  
**Subject:** RE: Rabbit exams

Thank you!  
Leslie

**From:** [REDACTED]  
**Sent:** Thursday, February 25, 2016 2:08 PM  
**To:** Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]  
**Cc:** [REDACTED]  
[REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>  
**Subject:** RE: Rabbit exams

That's fine

**From:** Jarrell, Leslie  
**Sent:** Thursday, February 25, 2016 2:07 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
[REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>  
**Subject:** Rabbit exams

Hi [REDACTED]  
It's that time of year for rabbit exams. I've tentatively scheduled March 8 at 1- 2 pm, and March 9 from 9:30- 10:30 AM, and March 16 from 9:30- 10:30 AM for their annual exams. Would that work ok for your schedules?

Thanks,  
Leslie